

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,250,553 B2  
APPLICATION NO. : 09/846758  
DATED : July 31, 2007  
INVENTOR(S) : Liu et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 8, line 6, "DNA Exemplary" should read -- DNA. Exemplary --.

In column 9, line 32, "tissue." should read -- tissue). --.

In column 11, line 4, "for the tracking" should read -- for tracking --.

In column 11, line 27, "provide" should read -- provided --.

In column 14, line 27, "assayng" should read -- assaying --.

In column 18, line 11, "well useful" should read -- well as useful --.

In column 19, line 46, "or" should read -- for --.

In column 19, lines 47-48, "useful predictions" should read -- useful for prediction --.

In column 19, lines 52-53, "http:H/dna.S-tandford.EDU", should read  
-- http://dna.stanford.edu/ --.

In column 20, line 24, "a expressed" should read -- an expressed --.

In column 21, line 41, "form" should read -- from --.

In column 23, line 13, "Genotgpe" should read -- Genotype --.

In column 24, line 56, "links" should read -- link --.

In column 26, line 35, "a n" should read -- an --.

In column 26, line 47, "are the left" should read -- are left --.

In column 28, line 37, "an mutant" should read -- a mutant --.

In column 29, line 11, "flats Aput" should read -- flats put --.

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 29, line 38, "grown segregation" should read -- grown, segregation --.

In column 34, line 62, "mmorphologies" should read -- morphologies --.

Signed and Sealed this

Twentieth Day of May, 2008

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looped initial "J" and a distinct "D" at the end.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*